

Quaternary Fault and Fold Database of the United States

As of January 12, 2017, the USGS maintains a limited number of metadata fields that characterize the Quaternary faults and folds of the United States. For the most up-to-date information, please refer to the [interactive fault map](#).

San Gorgonio Pass fault zone (Class A) No. 250

Last Review Date: 2017-05-15

citation for this record: Bryant, W.A., compiler, 2017, Fault number 250, San Gorgonio Pass fault zone, in Quaternary fault and fold database of the United States: U.S. Geological Survey website, <https://earthquakes.usgs.gov/hazards/qfaults>, accessed 12/14/2020 02:55 PM.

Synopsis	
Name comments	Fault ID: Refers to fault number 448 and 455 of Jennings (1994).
County(s) and State(s)	RIVERSIDE COUNTY, CALIFORNIA
Physiographic province(s)	PACIFIC BORDER
Reliability of location	Good Compiled at 1:24,000 and unspecified scale. <i>Comments:</i> Location of fault from Qt_ft_ver_3-0_Final_WGS84_polyline.shp (Bryant, W.A., written communication to K.Haller, August 15, 2017) attributed to 1:24,000-scale map by Matti and Morton (1993 #8193, 1993

	#8209, 1993 #8210), and Treiman (1994 #8326) and Treiman and others (2012 #8333) mapped at unspecified scale.
Geologic setting	
Length (km)	54 km.
Average strike	
Sense of movement	Thrust, Right lateral
Dip	
Paleoseismology studies	
Geomorphic expression	
Age of faulted surficial deposits	
Historic earthquake	
Most recent prehistoric deformation	latest Quaternary (<15 ka) <i>Comments:</i>
Recurrence interval	
Slip-rate category	Unspecified
Date and Compiler(s)	2017 William A. Bryant, California Geological Survey
References	#2878 Jennings, C.W., 1994, Fault activity map of California and adjacent areas, with locations of recent volcanic eruptions: California Division of Mines and Geology Geologic Data Map 6, 92 p., 2 pls., scale 1:750,000. #8193 Matti, J.C., and Morton, D. M., 1993, Geologic map of the Beaumont 7.5-minute quadrangle, Riverside County, California: U.S. Geological Survey, unpublished mapping, 1:24,000. #8209 Morton, D.M., and Matti, J.C., 1993, Geologic map of the

Cabazon 7.5' quadrangle, Riverside County, California: U.S. Geological Survey, unpublished mapping, 1:24,000.

#8210 Morton, D.M., and Matti, J.C., 1993, Geologic map of the Whitewater 7.5' quadrangle, Riverside County, California: U.S. Geological Survey, unpublished mapping, 1:24,000.

#8326 Treiman, J.A., 1994, The San Gorgonio Pass, Banning, and related faults, Riverside County, California: California Division of Mines and Geology Fault Evaluation Report FER-235, 47 p., in Fault Evaluation Reports Prepared Under the Alquist-Priolo Earthquake Fault Zoning Act, Region 2 – Southern California: California Geological Survey CGS CD 2002-02 (2002).

#8333 Treiman, J.A., Matti, J.C., Bryant, W.A., and Kendrick, K.J., 2012, Fault nomenclature for the San Gorgonio Pass region: Southern California Earthquake Center 2012 SCEC Annual Meeting, Meeting Program, Volume XXII, p. 143 (Poster 128).

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